

In the Specification:

Please replace the specification with the Substitute Specification being filed concurrently herewith.

In the Claims:

Please amend the claims as follows:

1. (Amended) A method of changing a recording mode between CAV (Constant Angular Velocity) and CLV (Constant Linear Velocity), comprising the steps of:

- (a) reading data encoded in a wobble signal of a physical track reproduced while recording input data to a recording medium;
- (b) detecting a predetermined signal among the read data;
- (c) determining a current recording speed based on the predetermined signal;
- (d) comparing the determined recording speed with a predetermined speed; and
- (e) changing the recording mode between CAV and CLV according to the result of the comparing step.

3. (Amended) The method set forth in claim 1, wherein said step (b) detects a period of the predetermined signal.

4. (Amended) A method of changing a recording mode between CAV (Constant Angular Velocity) and CLV (Constant Linear Velocity), comprising the steps of:

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- (a) recording input data to an installed recording medium in CAV mode;
 - (b) measuring the frequency of a low-frequency component of a wobble signal, which is generated during said recording, formed along a spiral physical track;
 - (c) comparing the measured frequency with a predetermined frequency;
- and
- (d) determining when to change the recording mode to CLV based on the comparing step.
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Please add the following claims:

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--6. (New) The method set forth in claim 1, wherein the predetermined speed is determined by an encoding speed of an encoder or properties of the recording medium.--

--7. (New) The method set forth in claim 4, wherein the predetermined frequency is determined by an encoding speed of an encoder or properties of the recording medium.--

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--8. (New) A method of changing a rotating mode for recording between CAV (Constant Angular Velocity) and CLV (Constant Linear Velocity), comprising the steps of:

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- (a) measuring a recording speed of input data on a recording medium;
 - (b) comparing the recording speed with a threshold speed, wherein the threshold speed is determined by a stable encoding speed of an encoder or properties of the recording medium; and
 - (c) changing the rotating mode for recording between CAV and CLV according to the result of the comparing step.--

--9. (New) The method set forth in claim 8, wherein the measuring step comprises the steps of:

- reading the wobble signal formed along a spiral physical track, which is generated during said recording; and
- measuring the frequency of a low-frequency component of the wobble signal.--

--10. (New) The method set forth in claim 8, wherein the measuring step comprises the steps of:

reading a wobble signal formed along a spiral physical track which is generated during said recording;

3 [decoding data from the wobble signal;

detecting a predetermined signal among the decoded data; and

measuring the frequency of the detected predetermined signal of the decoded data.--